

WEST[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)[Cases](#)**Search Results -**

Terms	Documents
L9 and (boolean same quer\$4)	3

Database:

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:[Refine Search](#)[Recall Text](#)[Clear](#)**Search History****DATE:** Wednesday, October 16, 2002 [Printable Copy](#) [Create Case](#)*Next page →**109/421,846*

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L12</u>	L9 and (boolean same quer\$4)	3	<u>L12</u>
<u>L11</u>	L9 and search engine\$1 and boolean	2	<u>L11</u>
<u>L10</u>	L9 and boolean	11	<u>L10</u>
<u>L9</u>	((707/516)!.CCLS.)	91	<u>L9</u>
<u>L8</u>	L7 and constraint\$1	1	<u>L8</u>
<u>L7</u>	L1 and logical relations	7	<u>L7</u>
<u>L6</u>	L1 and (logical relations same constraint\$1)	0	<u>L6</u>
<u>L5</u>	L1 and (automatic\$4 same boolean)	25	<u>L5</u>
<u>L4</u>	L1 and (automatic same boolean)	4	<u>L4</u>
<u>L3</u>	L1 and (sort\$3 same constraint\$1)	27	<u>L3</u>
<u>L2</u>	L1 and feature constraint\$1	4	<u>L2</u>
<u>L1</u>	search engine\$1	2893	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 25 of 25 returned.**☐ 1. Document ID: US 6460029 B1

L4: Entry 1 of 25

File: USPT

Oct 1, 2002

US-PAT-NO: 6460029

DOCUMENT-IDENTIFIER: US 6460029 B1

TITLE: System for improving search text

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 2. Document ID: US 6457002 B1

L4: Entry 2 of 25

File: USPT

Sep 24, 2002

US-PAT-NO: 6457002

DOCUMENT-IDENTIFIER: US 6457002 B1

TITLE: System and method for maintaining a knowledge base and evidence set

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 3. Document ID: US 6449611 B1

L4: Entry 3 of 25

File: USPT

Sep 10, 2002

US-PAT-NO: 6449611

DOCUMENT-IDENTIFIER: US 6449611 B1

TITLE: Business model for recovery of missing goods, persons, or fugitive or disbursements of unclaimed goods using the internet

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 4. Document ID: US 6405195 B1

L4: Entry 4 of 25

File: USPT

Jun 11, 2002

US-PAT-NO: 6405195

DOCUMENT-IDENTIFIER: US 6405195 B1

TITLE: System and method for collaborative hosted analysis of data bases via a network portal

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 5. Document ID: US 6393428 B1

L4: Entry 5 of 25

File: USPT

May 21, 2002

US-PAT-NO: 6393428

DOCUMENT-IDENTIFIER: US 6393428 B1

TITLE: Natural language information retrieval system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 6. Document ID: US 6381592 B1

L4: Entry 6 of 25

File: USPT

Apr 30, 2002

US-PAT-NO: 6381592

DOCUMENT-IDENTIFIER: US 6381592 B1

TITLE: Candidate chaser

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw Desc	Image										

☐ 7. Document ID: US 6363373 B1

L4: Entry 7 of 25

File: USPT

Mar 26, 2002

US-PAT-NO: 6363373

DOCUMENT-IDENTIFIER: US 6363373 B1

TITLE: Method and apparatus for concept searching using a Boolean or keyword search engine

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 8. Document ID: US 6256627 B1

L4: Entry 8 of 25

File: USPT

Jul 3, 2001

US-PAT-NO: 6256627

DOCUMENT-IDENTIFIER: US 6256627 B1

TITLE: System and method for maintaining a knowledge base and evidence set

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 9. Document ID: US 6209007 B1

L4: Entry 9 of 25

File: USPT

Mar 27, 2001

US-PAT-NO: 6209007

DOCUMENT-IDENTIFIER: US 6209007 B1

TITLE: Web internet screen customizing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 10. Document ID: US 6178417 B1

L4: Entry 10 of 25

File: USPT

Jan 23, 2001

US-PAT-NO: 6178417

DOCUMENT-IDENTIFIER: US 6178417 B1

TITLE: Method and means of matching documents based on text genre

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 11. Document ID: US 6112181 A

L4: Entry 11 of 25

File: USPT

Aug 29, 2000

US-PAT-NO: 6112181

DOCUMENT-IDENTIFIER: US 6112181 A

TITLE: Systems and methods for matching, selecting, narrowcasting, and/or classifying based on rights management and/or other information

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 12. Document ID: US 6070160 A

L4: Entry 12 of 25

File: USPT

May 30, 2000

US-PAT-NO: 6070160

DOCUMENT-IDENTIFIER: US 6070160 A

TITLE: Non-linear database set searching apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

Feb 15, 2000

DOCUMENT-IDENTIFIER: US 6026409 A

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

Jan 11, 2000

DOCUMENT-IDENTIFIER: US 6014661 A

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

Dec 7, 1999

DOCUMENT-IDENTIFIER: US 5999664 A

[illegible]

Nov 16, 1999

DOCUMENT-IDENTIFIER: US 5987457 A

[illegible]

☐ 21. Document ID: US 5893091 A

L4: Entry 21 of 25

File: USPT

Apr 6, 1999

US-PAT-NO: 5893091

DOCUMENT-IDENTIFIER: US 5893091 A

TITLE: Multicasting with key words

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 22. Document ID: US 5886698 A

L4: Entry 22 of 25

File: USPT

Mar 23, 1999

US-PAT-NO: 5886698

DOCUMENT-IDENTIFIER: US 5886698 A

TITLE: Method for filtering search results with a graphical squeegee

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 23. Document ID: US 5870740 A

L4: Entry 23 of 25

File: USPT

Feb 9, 1999

US-PAT-NO: 5870740

DOCUMENT-IDENTIFIER: US 5870740 A

TITLE: System and method for improving the ranking of information retrieval results for short queries

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 24. Document ID: US 5826260 A

L4: Entry 24 of 25

File: USPT

Oct 20, 1998

US-PAT-NO: 5826260

DOCUMENT-IDENTIFIER: US 5826260 A

TITLE: Information retrieval system and method for displaying and ordering information based on query element contribution

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 25. Document ID: US 5634051 A

L4: Entry 25 of 25

File: USPT

May 27, 1997

US-PAT-NO: 5634051

DOCUMENT-IDENTIFIER: US 5634051 A

TITLE: Information management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KWC

[Generate Collection](#)[Print](#)

Terms	Documents
L1 and (automatic\$4 same boolean)	25

Display Format:

-

[Change Format](#)[Previous Page](#)[Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 11 of 11 returned.**☐ 1. Document ID: US 6212519 B1

L10: Entry 1 of 11

File: USPT

Apr 3, 2001

US-PAT-NO: 6212519

DOCUMENT-IDENTIFIER: US 6212519 B1

TITLE: Systems and methods for quantifying qualitative medical expressions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 6151610 A

L10: Entry 2 of 11

File: USPT

Nov 21, 2000

US-PAT-NO: 6151610

DOCUMENT-IDENTIFIER: US 6151610 A

TITLE: Document display system using a scripting language having container variables setting document attributes

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 6141659 A

L10: Entry 3 of 11

File: USPT

Oct 31, 2000

US-PAT-NO: 6141659

DOCUMENT-IDENTIFIER: US 6141659 A

TITLE: Systems, methods and computer program products for retrieving documents from multiple document servers via a single client session

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 4. Document ID: US 5875441 A

L10: Entry 4 of 11

File: USPT

Feb 23, 1999

US-PAT-NO: 5875441

DOCUMENT-IDENTIFIER: US 5875441 A

TITLE: Document database management system and document database retrieving method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMNC
Draw Desc	Image										

☐ 5. Document ID: US 5864848 A

L10: Entry 5 of 11

File: USPT

Jan 26, 1999

US-PAT-NO: 5864848

DOCUMENT-IDENTIFIER: US 5864848 A

TITLE: Goal-driven information interpretation and extraction system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KMNC
Draw Desc	Image										

☐ 6. Document ID: US 5848429 A

L10: Entry 6 of 11

File: USPT

Dec 8, 1998

US-PAT-NO: 5848429

DOCUMENT-IDENTIFIER: US 5848429 A

TITLE: Object-oriented global cursor tool which operates in an incompatible document by embedding a compatible frame in the document

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KMNC
Draw Desc	Image										

☐ 7. Document ID: US 5806079 A

L10: Entry 7 of 11

File: USPT

Sep 8, 1998

US-PAT-NO: 5806079

DOCUMENT-IDENTIFIER: US 5806079 A

TITLE: System, method, and computer program product for using intelligent notes to organize, link, and manipulate disparate data objects

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments		KMNC
Draw Desc	Image										

☐ 8. Document ID: US 5806061 A

L10: Entry 8 of 11

File: USPT

Sep 8, 1998

US-PAT-NO: 5806061

DOCUMENT-IDENTIFIER: US 5806061 A

TITLE: Method for cost-based optimization over multimedia repositories

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 9. Document ID: US 5787421 A

L10: Entry 9 of 11

File: USPT

Jul 28, 1998

US-PAT-NO: 5787421

DOCUMENT-IDENTIFIER: US 5787421 A

TITLE: System and method for information retrieval by using keywords associated with a given set of data elements and the frequency of each keyword as determined by the number of data elements attached to each keyword

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 10. Document ID: US 5664208 A

L10: Entry 10 of 11

File: USPT

Sep 2, 1997

US-PAT-NO: 5664208

DOCUMENT-IDENTIFIER: US 5664208 A

TITLE: Methods and apparatuses for seamless compound document processing

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

☐ 11. Document ID: US 5640579 A

L10: Entry 11 of 11

File: USPT

Jun 17, 1997

US-PAT-NO: 5640579

DOCUMENT-IDENTIFIER: US 5640579 A

TITLE: Method and system for logically partitioning a view of a document object from a frame in which the document object is displayed

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KIMC

Generate Collection

Print

Terms	Documents
L9 and boolean	11

Display Format:

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US Patent & Trademark Office

Search Results

Search Results for: [search query AND boolean]

Found 93 of 102,361 searched. → Rerun within the Portal

Search within Results

[> Advanced Search](#) [> Search Help/Tips](#)**Sort by:** Title Publication Publication Date Score Binder**Results 1 - 20 of 93** short listing

1

2

3

4

5



- 1** Algorithms for parsing search queries in systems with inverted file organization 93%



Jane W. S. Liu

ACM Transactions on Database Systems (TODS) December 1976
Volume 1 Issue 4

In an inverted file system a query is in the form of a Boolean expression of index terms. In response to a query the system accesses the inverted lists corresponding to the index terms, merges them, and selects from the merged list those records that satisfy the search logic. Considered in this paper is the problem of determining a Boolean expression which leads to the minimum total merge time among all Boolean expressions that are equivalent to the expression given in the query. This probl ...

- 2** The use of lexicons in information retrieval in legal databases 85%



J. C. Smith

Proceedings of the sixth international conference on Artificial intelligence and law June 1997

- 3** EXPRESS: an experimental interface for factual information retrieval 84%



G. Zinßmeister

09/42,846 | 10/16/2002

Proceedings of the 13th annual international ACM SIGIR conference on Research and development in information retrieval December 1989

The EXPRESS system has been designed and implemented in order to explore methods for user assistance in accessing complexly structured factual databases, e.g. relational product databases. Terminological support in this area has to take into account that different controlled vocabularies may be used in a variety of attributes spread over several relations. In our approach, traditional thesaurus structures are extended in order to cope with these problems and to encode further domain ...

- 4** Another nail to the coffin of faceted controlled-vocabulary component classification and retrieval 84%



Hafedh Mili , Estelle Ah-Ki , Robert Godin , Hamid Mcheick
ACM SIGSOFT Software Engineering Notes , Proceedings of the 1997 symposium on Software reusability May 1997
Volume 22 Issue 3

- 5** InfoCrystal: a visual tool for information retrieval & management 84%



Anselm Spoerri
Proceedings of the second international conference on Information and knowledge management December 1993

- 6** Experiments in Japanese text retrieval and routing using the NEAT system 82%



Gareth J. F. Jones , Tetsuya Sakai , Masahiro Kajiura , Kazuo Sumita
Proceedings of the 21st annual international ACM SIGIR conference on Research and development in information retrieval August 1998

- 7** FLEXICON: an evaluation of a statistical ranking model adapted to intelligent legal text management 82%



Daphne Gelbart , J. C. Smith
Proceedings of the fourth international conference on Artificial intelligence and law August 1993

The FLEXICON system was designed to provide legal professionals with an effective and easy-to-use legal text management tool. This paper discusses the structured knowledge representation model designed for the FLEXICON system serving both as an internal knowledge representation scheme, in conjunction with statistical ranking, and as an external representation used to summarize legal text for rapid evaluation of the search results. The model is evaluated and compared to alternative informati ...

8 Probabilistic models of inverted file information retrieval systems 80%**4** Jane W. S. Liu , J. M. Milner

Proceedings of the 1976 ACM SIGMETRICS conference on Computer performance modeling measurement and evaluation March 1976

In this paper, we study several probabilistic models of inverted file information retrieval systems. In particular, the portion of the system which performs the tasks of list accessing and merging is modeled. The average response times of the system for three different methods of managing the disk access and merge processor queues are discussed.

9 A tree algorithm for nearest neighbor searching in document retrieval systems 80%**4** Caroline M. Eastman , Stephen F. Weiss

Proceedings of the 1st annual international ACM SIGIR conference on Information storage and retrieval May 1978

The problem of finding nearest neighbors to a query in a document collection is a special case of associative retrieval, in which searches are performed using more than one key. A nearest neighbors associative retrieval algorithm, suitable for document retrieval using similarity matching, is described. The basic structure used is a binary tree, at each node a set of keys (concepts) is tested to select the most promising branch. Backtracking to initially rejected branches is allowed and ofte ...

10 Access by content of documents in an office information system 80%**4** C. Jimenez Guarin

Proceedings of the 11th annual international ACM SIGIR conference on Research and development in information retrieval May 1988

This paper presents the integration of retrieval functions of an Information Retrieval System, IOTA, in an Office Information Server. Besides the linear scanning of the text (using a software and a hardware filter), two access methods are proposed. The first one is based on a simple indexing of documents based on signatures. Here, texts are treated as character strings. We call this method Textual Search. The second one is based on the extention of Signature Methods ...

11 Aggregate predicate support in DBMS 80%**4** Apostol (Paul) Natsev , Gene Y. C. Fuh , Weidong Chen , Chi-Huang Chiu , Jeffrey S. Vitter

Australian Computer Science Communications , Proceedings of the thirteenth Australasian conference on Database technologies - Volume 5 January 2002

Volume 24 Issue 2

In this paper we consider aggregate predicates and their support in database systems. Aggregate predicates are the predicate equivalent to aggregate functions in that they can be used to search for tuples that satisfy some aggregate property over a set of tuples (as opposed to simply computing an aggregate property over a set of tuples). The importance of aggregate predicates is exemplified by many modern applications that require ranked search, or top-*k* queries. Such queries are the norm ...

12 Lifestreams: a storage model for personal data

80%


 Eric Freeman , David Gelernter
ACM SIGMOD Record March 1996

Volume 25 Issue 1

Conventional software systems, such as those based on the “desktop metaphor,” are ill-equipped to manage the electronic information and events of the typical computer user. We introduce a new metaphor, Lifestreams, for dynamically organizing a user's personal workspace. Lifestreams uses a simple organizational metaphor, a time-ordered stream of documents, as an underlying storage system. Stream filters are used to organize, monitor and summarize informat ...

13 Information access for context-aware appliances (poster session)


80%

 Gareth J. F. Jones , Peter J. Brown
Proceedings of the 23rd annual international ACM SIGIR conference on Research and development in information retrieval July 2000

The emergence of networked context-aware mobile computing appliances potentially offers opportunities for remote access to huge online information resources. Information access in context-aware information appliances can utilize existing techniques developed for effective information retrieval and information filtering; however, practical physical and operational features of these devices and the availability of context information itself suggest that the document selection process should mak ...


14 A taxonomy for identifying a software component for uncertain and partial specifications

80%

 Giancarlo Succi , Francesco Baruchelli , Marco Ronchetti


Proceedings of the 1996 ACM symposium on Applied Computing
February 1996

15 Natural language processing in intelligent information retrieval 80%

 Tamas Doszkocs

Proceedings of the 1985 ACM annual conference on The range of computing : mid-80's perspective: mid-80's perspective October 1985

16 An evaluation of retrieval effectiveness for a full-text 80%

 document-retrieval system


David C. Blair , M. E. Maron

Communications of the ACM March 1985

Volume 28 Issue 3

An evaluation of a large, operational full-text document-retrieval system (containing roughly 350,000 pages of text) shows the system to be retrieving less than 20 percent of the documents relevant to a particular search. The findings are discussed in terms of the theory and practice of full-text document retrieval.

17 Using schematically heterogeneous structures 80%


 Reée J. Miller

ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data June 1998

Volume 27 Issue 2

Schematic heterogeneity arises when information that is represented as data under one schema, is represented within the schema (as metadata) in another. Schematic heterogeneity is an important class of heterogeneity that arises frequently in integrating legacy data in federated or data warehousing applications. Traditional query languages and view mechanisms are insufficient for reconciling and translating data between schematically heterogeneous schemas. Higher order query languages, that ...

18 Automatic assignment of soft Boolean operators 80%


 Gerard Salton , Ellen Voorhees

Proceedings of the 8th annual international ACM SIGIR conference on Research and development in information retrieval June 1985


The conventional bibliographic retrieval systems are based on Boolean query formulations and inverted file implementations. Such systems provide rapid responses in answer to search queries but they are not easy to use by uninitiated patrons. An extended Boolean retrieval strategy has been devised in which the Boolean operators are treated more or less strictly, depending

on the setting of a special parameter, known as the p-value. The extended system is much more forgiving than the conventi ...

19 Composite document extended retrieval: an overview 80%

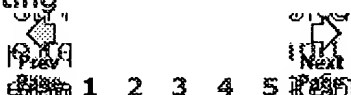
-  Edward A. Fox
Proceedings of the 8th annual international ACM SIGIR conference on Research and development in information retrieval June 1985
Experimental information retrieval (IR) systems, some dating back to the sixties, have demonstrated the viability of fully automatic document storage and retrieval methodologies with small to medium size bibliographic collections [72]. Many of these experimental systems utilize the vector space model in which each important term (such as a word stem) identifies a different dimension in a space, so that matrix methods and vector operations can be defined on queries and documents. Statistical ...

20 Selective text utilization and text traversal 80%

-  Gerard Salton , James Allen
Proceedings of the fifth ACM conference on Hypertext December 1993

Results 1 - 20 of 93

short listing



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